

## Paper XI: Fundamentals of Agricultural Geography

### Section A

Meaning, nature, scope and approaches (systemic and regional) of agricultural geography, determinants of agricultural land use: physical, social, economic and cultural.

### Section B

Concept of agricultural region: Whittlesey's classification of agricultural regions, agricultural typology, land use and land capability classification: methods and applications.

### Section C

Agro-climatic regions of India and their characteristics, green revolution: its impact and consequences, agricultural policy in India and contemporary issues: nutrition, hunger and food security.

#### Recommended Readings:

Husain, M., 1996: Systematic Agricultural Geography, Rawat Publication, Jaipur.

कुमार, पी. एच. शर्मा, एस. 1996: कृषि भूगोल। मध्य प्रदेश हिन्दी ग्रन्थ अकादमी, भोपाल।

Morgan, W.B. and Muton, R.J.C. 1971: Agriculture Geography. Methuen, London.

Singh, J. and Dhillon, S.S. 1984: Agricultural Geography, Tata McGraw Hill Publishing Co. Ltd. New Delhi.

Shafi, M. 2000: Agricultural Geography of Asia. Macmillan, New Delhi.

तिवारी, आर.सी. एवं सिंह, बी.एन. 1994: कृषि भूगोल। प्रयाग पुस्तक भवन इनाहाबाद।

## Paper XII: Applied Geography

### Section A

Nature, scope and content of applied geography, identification of problems of interdisciplinary nature like environments resource base, resource utilization sustainable development, issues related to spatial variations in physical environments, land capability, agricultural productivity, environmental degradation, environmental challenges and environmental management.

### Section B

Issues related to human resource development: quality versus numbers, social and demographic issues: diversity and disparity, carrying capacity of the earth, man power planning and employment, issues related to economy: spatial organization of economic activities (like agriculture, industry, transport, trade etc.).

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### Section C

Environment and sustainable development with a focus on man-environment relationship: regional and interregional stresses, review of policies and multiple planning: local, regional and national level with special reference to India.

#### Recommended Readings:

- Bhat, L.S. et al 1976: Micro-Level planning: A Case Study of Karnal Area. Haryana, K.B. Publications, New Delhi.
- Blair, J. P. and Carroll, M. C. 2009. Local Economic Development - Analysis, Practices, and Globalization. SAGE PUBLICATIONS, INC., NEW DELHI.
- Dutta, A.K., et al 2008 (eds.): Explorations in Applied Geography. Printice-Hall of India Private Limited, New Delhi.
- Friedmann, J. 1992: Empowerment: The Politics of Alternative Development. Blackwell, Oxford.
- Gupta, P., and Sdasyuk, G. 1968: Economic Regionalization of India: Problems and Prospects. Census of India, New Delhi
- Johnson, E.A.J. 1970: The Organisation of Space in Developing Countries. Harvard University Press, Cambridge.
- Kundu, A. and Raza, M. 1982: Indian Economy, The Regional Dimension. Spectrum Publishers, New Delhi.
- Misra, R. P. (ed.) 1992: Regional Planning: Concepts, Techniques, Policies and Case Studies. 2<sup>nd</sup> edition. Concept Publishing Company., New Delhi.
- Pathak, C. R. 2003: Spatial Structure and Processes of Development in India. Regional Science Association., Kolkata.
- Raza, M. 1988: Contributions to Indian Geography. Volume X, Regional Development, Heritage Publishers, New Delhi.
- श्रीवास्तव, वी.के. 1997: प्रादेशिक नियोजन और सन्तुलित विकास। वसुधरा प्रकाशन, गोरखपुर।

### Practicals

#### Scheme of examination

Min. Pass Marks: 32

Max. Marks: 80

	Marks	Time
Written test	30	3 hrs.
Field survey and viva voce	10+05	2 1/2 hrs.
Report of socio- economic survey and viva voce	10+05	.
Record and viva voce	12 + 08	.
Total Marks	80	.

N.B. ! There shall be 6 questions in written paper selecting at least two questions from each section. Candidates are required to attempt 3 questions selecting 1 question

from each section. All question carry equal marks.

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## SYLLABUS

### Section A

Map projections: bases of classification, uses and choice of projections.

Mathematical construction of map projections: cylindrical –simple, equal area and Mercator's

### Section B

Conical: one standard parallel two standard parallels, Bonne's, polyconic and modified polyconic (international).

Zenithal: equidistant and equal area (Polar cases only), gnomonic, stereographic, orthographic.

### Section C

Conventional: sinusoidal and Mollwede's (normal cases only).

Dumpy level: survey and contouring.

Socio-economic survey of a town/village: survey planning, data collection, compilation, analysis and interpretation, report writing

Recommended Reading:

चौहान, पी.आर. 2005: प्रयोगात्मक भूगोल। वसुन्धरा प्रकाशन, गोरखपुर।

Khullar, D.R. 2000: Essentials of Practical Geography. New Academic Publishing Co., Jalandhar.

Punmia, B.C. 1988: Surveying and Field Work. Laxmi Publications, New Delhi Vol. I.

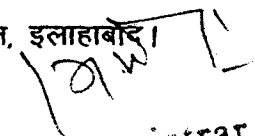
Robinson, A.H. et al. 2004: Elements of Cartography. John Wiley & Sons, Inc., New York.

Rampal, K.K. 1993: Mapping and Compilation: Methods and Techniques Concept. Publishing Company, New Delhi.

शर्मा, जे.पी. 2012: प्रायोगिक भूगोल। रस्तोगी पब्लिकेशन्स, मेरठ।

Singh, R.L. and Singh RPB 1991: Elements of Practical Geography. Kalyani Publishers, New Delhi.

तिवारी, आर.सी. एवं सुधाकर, त्रिपाठी 2009: प्रयोगात्मक भूगोल। प्रयाग पुस्तक भवन, इलाहाबाद।

  
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# 13. PSYCHOLOGY

## B.A./B.Sc. Honours Part-III

### SCHEME OF EXAMINATION :

Papers	Nomenclature	Duration	Max. Marks	Min. Pass Marks
Paper-IX	Applied Psychology	3 Hrs.	75	120
Paper-X	Positive Psychology	3 Hrs.	75	
Paper-XI	Theories of Personality	3 Hrs.	75	
Paper-XII	Psychological Testing	3 Hrs.	75	
Practicals		3 Hrs.	100	40

### NOTE :-

- There will be four theory Papers in Psychology in B.A. Honour Part-I. It would be common for Arts and Science. Each paper will be of 3 hours. It would comprise 3 Sections A, B and C and would cover the entire course content of the paper.

**Section-A** will contain 10 questions of 20 words consisting of 1.5 marks each. Thus, Part-A will be of 15 marks.

**Section-B** will contain 7 questions of 50 words each, out of which students are required to attempt 5 questions. Each question will be of 3 marks. Thus, Part-B will be of 15 marks.

**Section-C** will contain 3 long questions each with internal choice. Each question will be of 15 marks. Thus, Part-C will be of 45 marks.

For clarification the distribution of marks is tabulated as below:-

B.A. Honours (Psychology) Part-I			
Section	No. of Questions	Marks	Total
A	10	1.5	15
B	5 (Out of 7)	03	15
C	3 (with internal choice)	15	45
Total Marks			75

- Use of simple calculator will be allowed for statistical portions of all papers.

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Paper-IX:

Applied Psychology

**Section-A**

1. Psychology in Industry : Personnel selection and classification.
2. Personal/Personnel Assessment Techniques : Development and Training; Attitude and Motivation.
3. Organizational Psychology : Leadership and Supervision, Participated Management, Job Design, Organizational Structure and Climate, Communication.

**Section-B**

4. Engineering Psychology : Human performance; Human factors in Equipment Design.
5. Stress Management: Psychological Determinants and Stress Management.
6. Information Technology and Mass Media, Understanding Wellbeing and Human Rights through Information Technology; Media and Communication, Media Violence and Cyber Crime.

**Section-C**

7. Psychology in Education: School System, Measurement and Evaluation, Instructional Psychology, Behaviour Modification in School Set-up.
8. Community Psychology : Concept and Goals; Social Change and Social Action, Arousing Community Consciousness.
9. Sports Psychology: Meaning, Nature and Scope; Psychological Skills in Sports.

**Books Recommended:**

- Anastasi A. (1979) - Fields of Applied Psychology, New York, McGraw Hill (International Ed.) Tokyo.
- Schien (1967) - Organizational Psychology, New Delhi, Prentice Hall

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Korchin, S. (1976) - Modern clinical Psychology, Basic Books, Inc. Publications, New York.

- Bunt-Applied Psychology.
- Poffenberger-Principles of Applied Psychology
- Mohan, J. Chaddha, N.K. and Akhtar, S.S. (1992). Psychology of Sports Friends Publications, Delhi.

**Paper-X:**

**Positive Psychology**

**Section A**

1. Introduction : Definition, Goals; Assumptions and Historical Perspective; Relationships with other Branches of Psychology.
2. Eastern and Western Perspectives on Positive Psychology.
3. Virtues and Strengths of Characters : Classification and Measures of Human Strength- Gallup's Clifton Strength Finder. The VIA Classification. Identifying Personal Strengths.

**Section B**

4. Happiness and Wellbeing: Definition; Hedonic and Eudaimonic basis of Happiness; Subjective Wellbeing, Psychological Wellbeing and Social Wellbeing.
5. Resilience: Meaning, Developmental and Clinical Perspective, Sources of Resilience, Successful Aging and Growth through Trauma.
6. Pro-Social Behavior: Empathy, Altruism, Gratitude and Forgiveness

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## Section C

7. Self-Regulation and Self Control : Theories and Planning for Self-Regulation Success, Self Regulations Problems – Goal Conflict, Goal Difficulty and Goal Disengagement
8. Positive Cognitive States and Processes : Self Efficacy, Optimism, Hope, Mindfulness, Flow and Spirituality.
9. Positive Emotional States and Processes : Meaning, Theories and Resources of Positive Emotions; Emotional Intelligence; Emotional Focused Coping.

### Books Recommended:

- Snyder, C.R. Lopez, S.J.(2007). *Positive psychology*. New Delhi: Sage.
- Snyder, C.R. Lopez. J.(2005). *Handbook of positive psychology*. New York: Oxford
- Wong, P.T. and Fry, (1998). *The human quest for meaning: Mahwah, New Jersey: Lawrence, Erlbaum.*
- Baumgardner, S. Crothers, M. (2009) *Positive psychology*. New Delhi: Pearson education.
- Mohan & Sehgal – Positive Psychology

### Paper-XI:

#### Theories of Personality

#### Section-A

1. Introduction : Definition, History and Basic Issues. Biological and Cultural Determinants of Personality
2. Psychoanalytic Theories : Freud and Modern Developments.
3. Neo-Analytic and Ego Theories : Jung, Adler, Horney and Erikson

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### Section-B

4. Biological Theories: Genetic Effects and Temperament; Sociobiological and Evolutionary Factors.
5. Behaviourist and Learning Theories : Watson, Skinner, Dollard and Miller.
6. Cognitive and Social Cognitive Theories : Kelly, Seligman, Rotter and Bandura.

### Section-C

7. Trait Theories: Cattell, Allport and Big Five Model.
8. Humanistic and Existential Theories: Fromm, Rogers and Maslow.
9. Person-Situation Interactionist Theories : Sullivan, Murray and Michelle.

### Books Recommended:

- Hall & Lindzey (1978) - Theories of Personality, New York, Wiley.
- Michelle, W. - Theories and Assessment of Personality
- Friedman, H.S. & Schustack, M.W. (2003) Personality : Classical Theories and Modern Research. New Delhi, Pearson Education.

### Paper-XII:

### Psychological Testing

### Section-A

1. Psychological Measurement and Testing : Need and Origin.
2. Scaling: Kinds, Characteristics and Uses of Scaling.
3. Psychological Tests: Nature, Functions and Current Uses; Kinds of Tests: Individual and Group Test. Characteristics of a Good Test.

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### Section-B

4. Problems in the Test Administration: Testing Programme, Professional Ethics, Controlling the Use of Psychological Tests, Problems of Report and Administration; Guidelines for Testing Programmes.
5. Problems of Test Construction : Drafting and Compilation of Test Items. Item Analysis; Issues of Reliability, Validity and Need for Cross Validation.
6. Test Standardization : Procedure, Establishment of Norms, Interpretation and Application of Test Scores, Prediction Value of Test.

### Section-C

- ~~7. Tests of Intelligence: Nature and Types- Verbal Tests, Non-language Tests, Performance Test, Test for Measuring Adult Intelligence, Special Tests; Culture Fair Tests.~~
8. Tests of Interest and Aptitude: Interest Tests- Educational and Vocational; Attitude Tests; Aptitude Tests; Academic Tests - Achievement Tests.
9. Tests of Personality: Self-Report Test, Inventories, Projective Techniques - Verbal, Non-verbal, T.A.T. and Rorschach, Situational Tests and Expressive Techniques.

#### Books Recommended:

- Anastasi, A. (1988) - Psychological Testing. Macmillan company, London.
- Chronbach, L. (1970) - Essentials of Psychological Testing. Tokyo. Harper International Edition, 3<sup>rd</sup> Ed.
- Freeman (1963) - Theory and practice of Psychological Testing, New Delhi, Oxford & IBH, 3<sup>rd</sup> Ed.
- Guilford, J.P. (1974) - Psychometric Methods, N.D. Tata McGraw Hill.

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Practicals

1. Reaction Time
2. Saving Method
3. Two Point Threshold
4. Work and Fatigue
5. Picture Frustration Study
6. Career Interest Checklist by Holland
7. NEO - PRI
8. Differential Aptitude Test
9. Rorschach Test
10. Assessment of Altruism
11. Assessment of Emotional Intelligence
12. Assessment of Need Achievement (Projective Method)

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